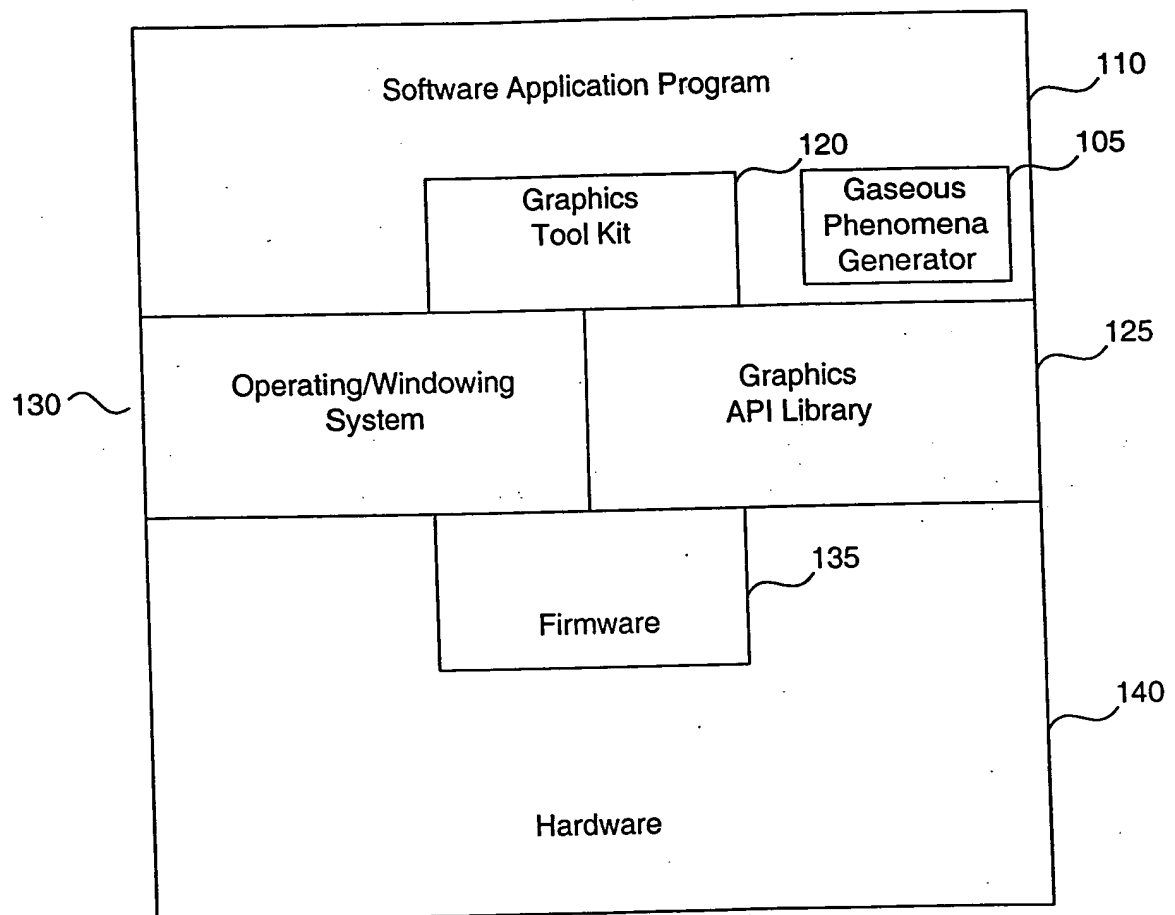


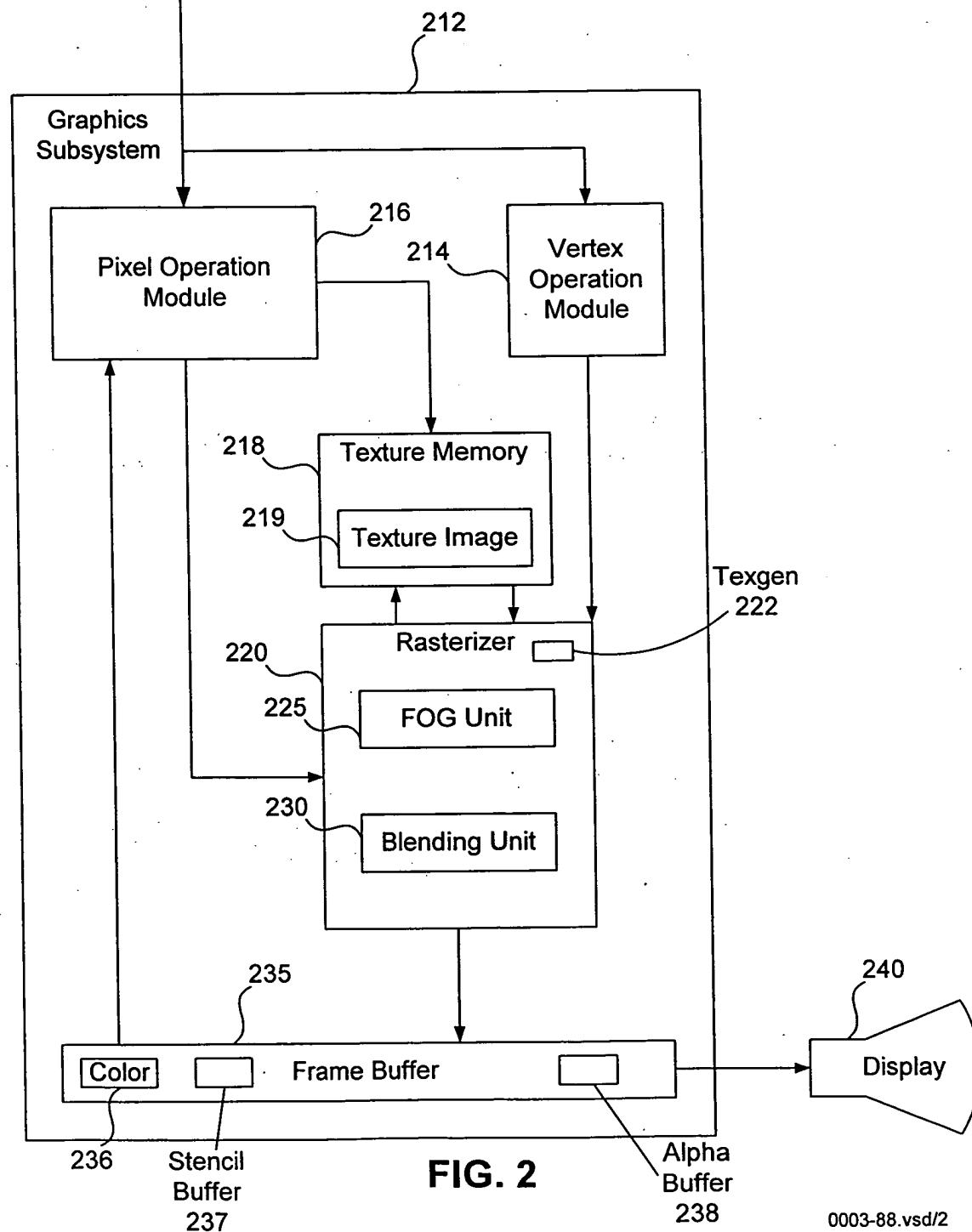
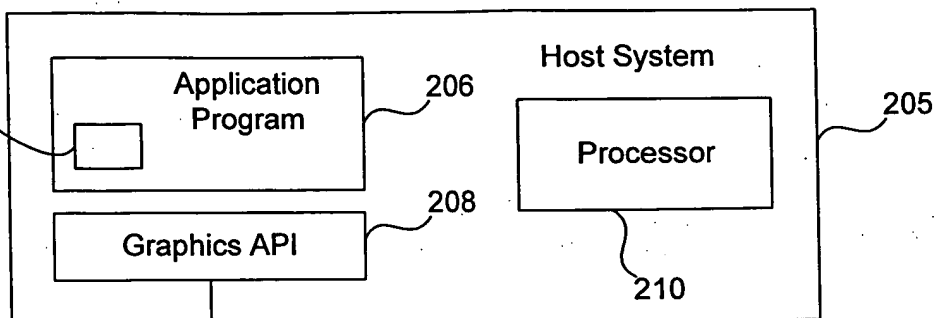
Architecture 100



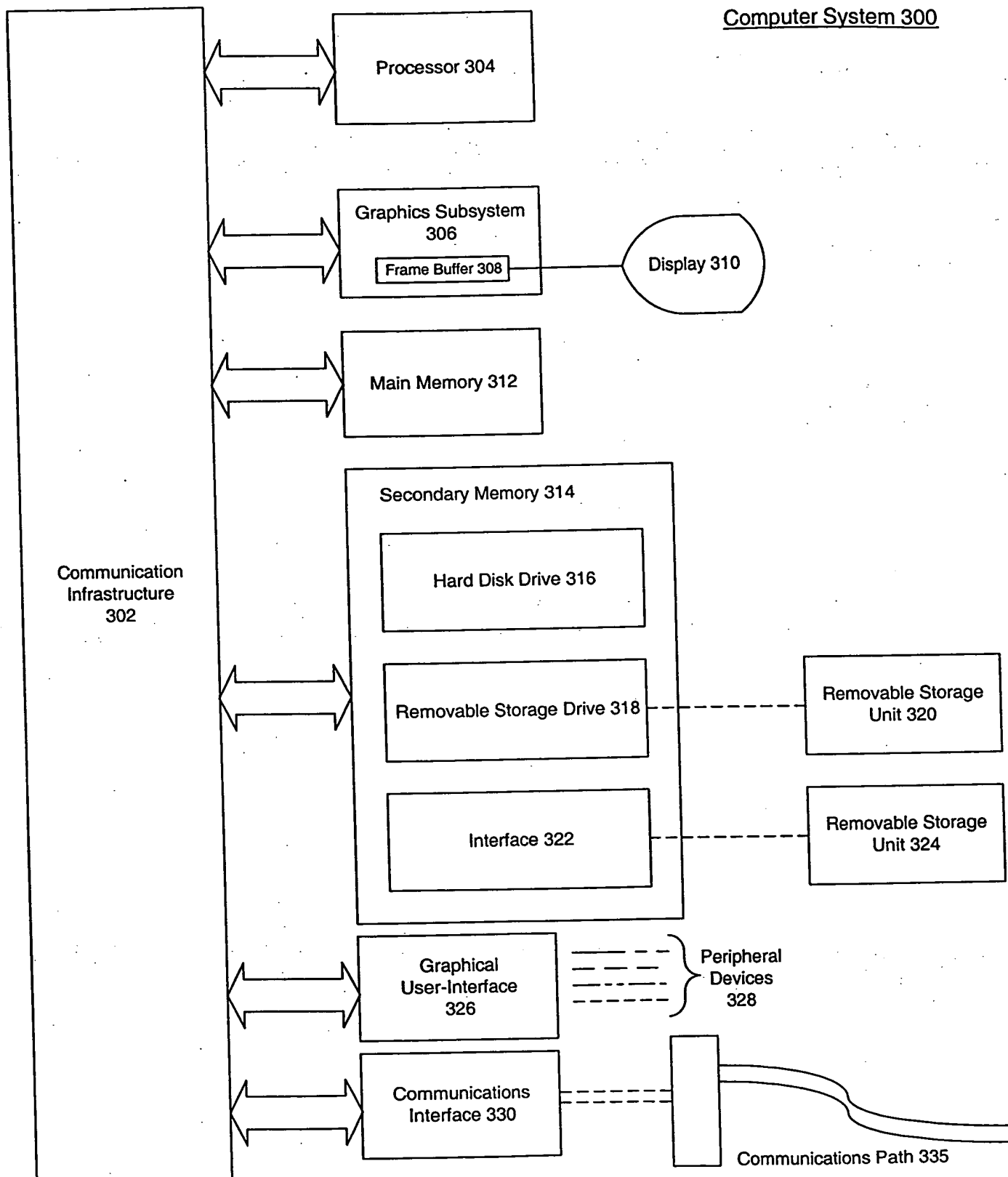
**FIG. 1**

Gaseous  
Phenomena  
Generator  
105

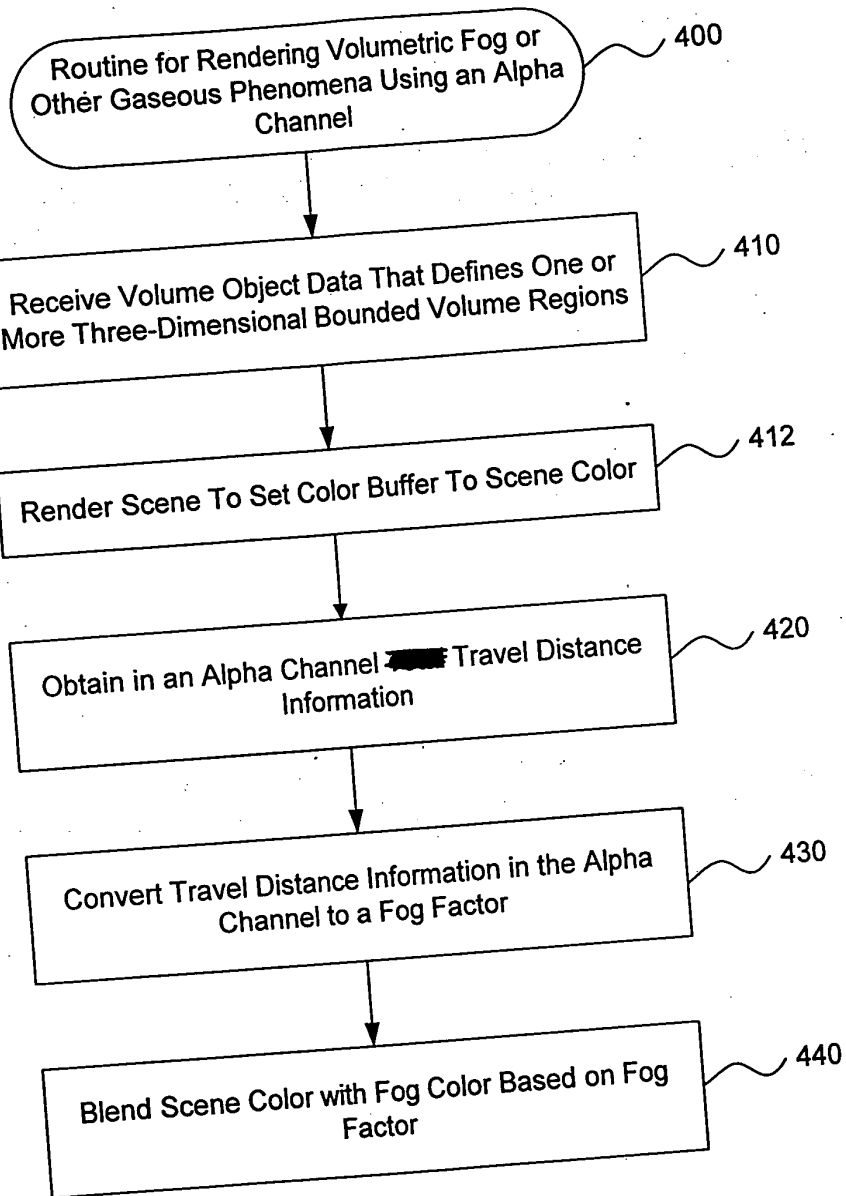
200



**FIG. 2**



**FIG. 3**



**FIG. 4**

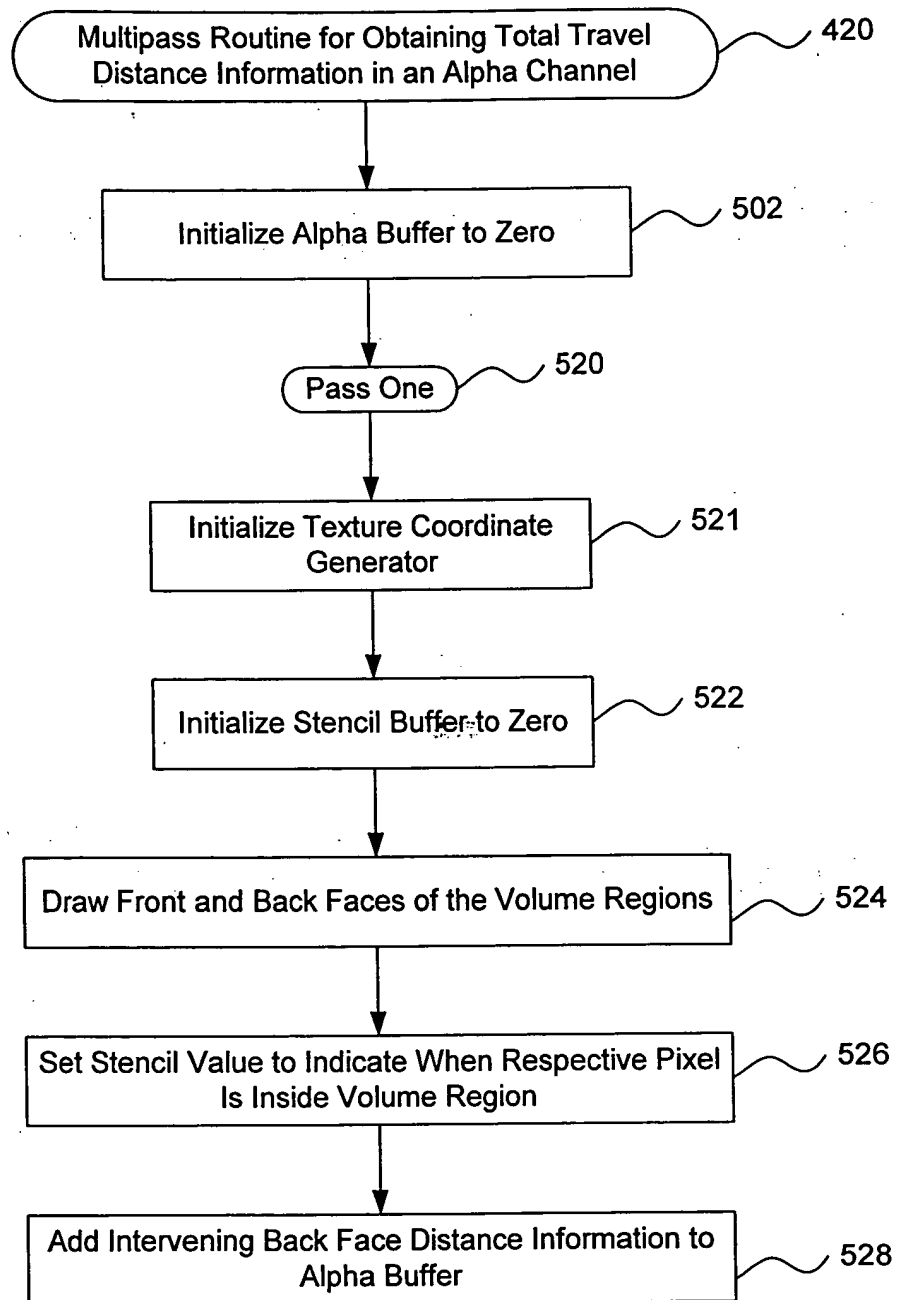
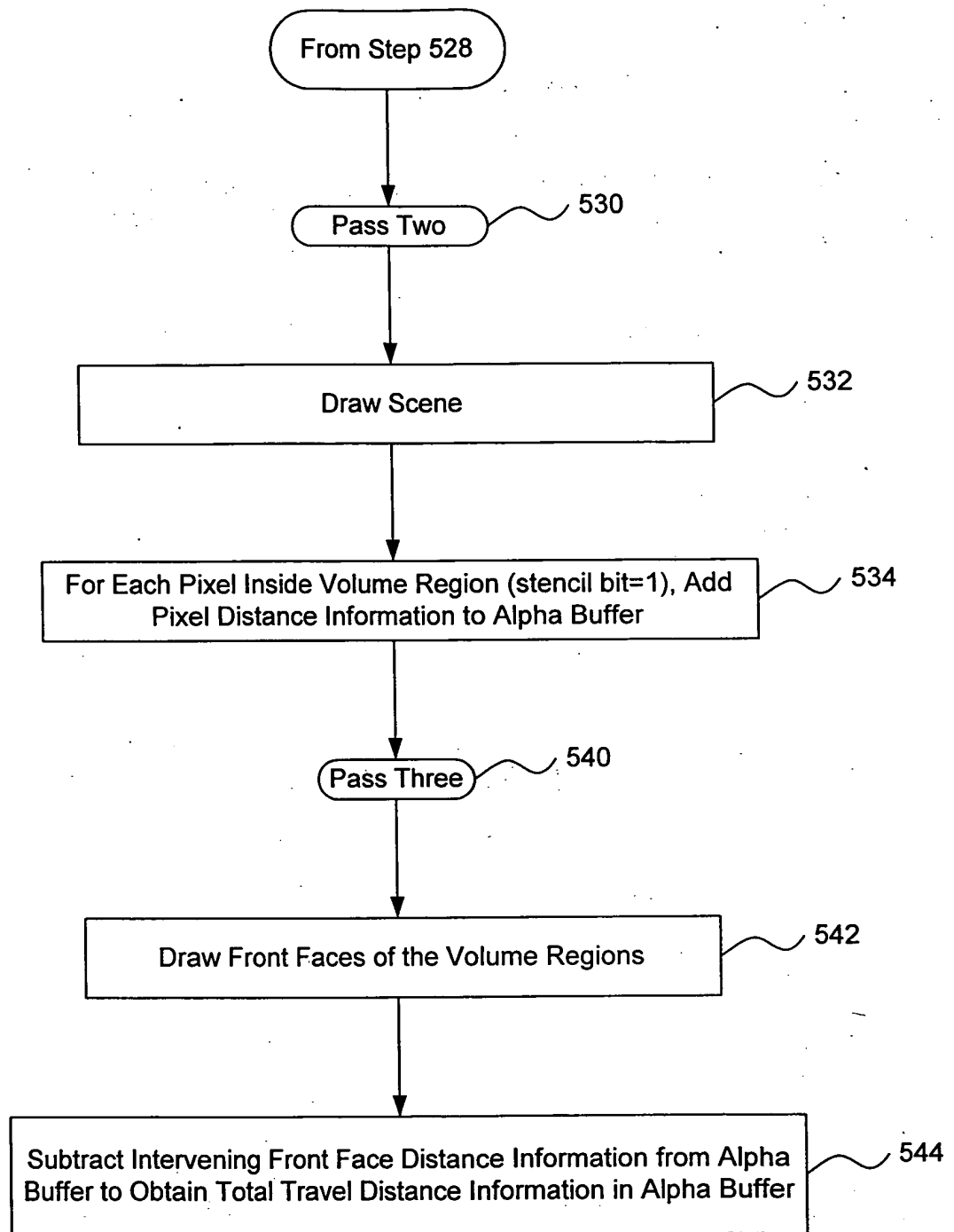
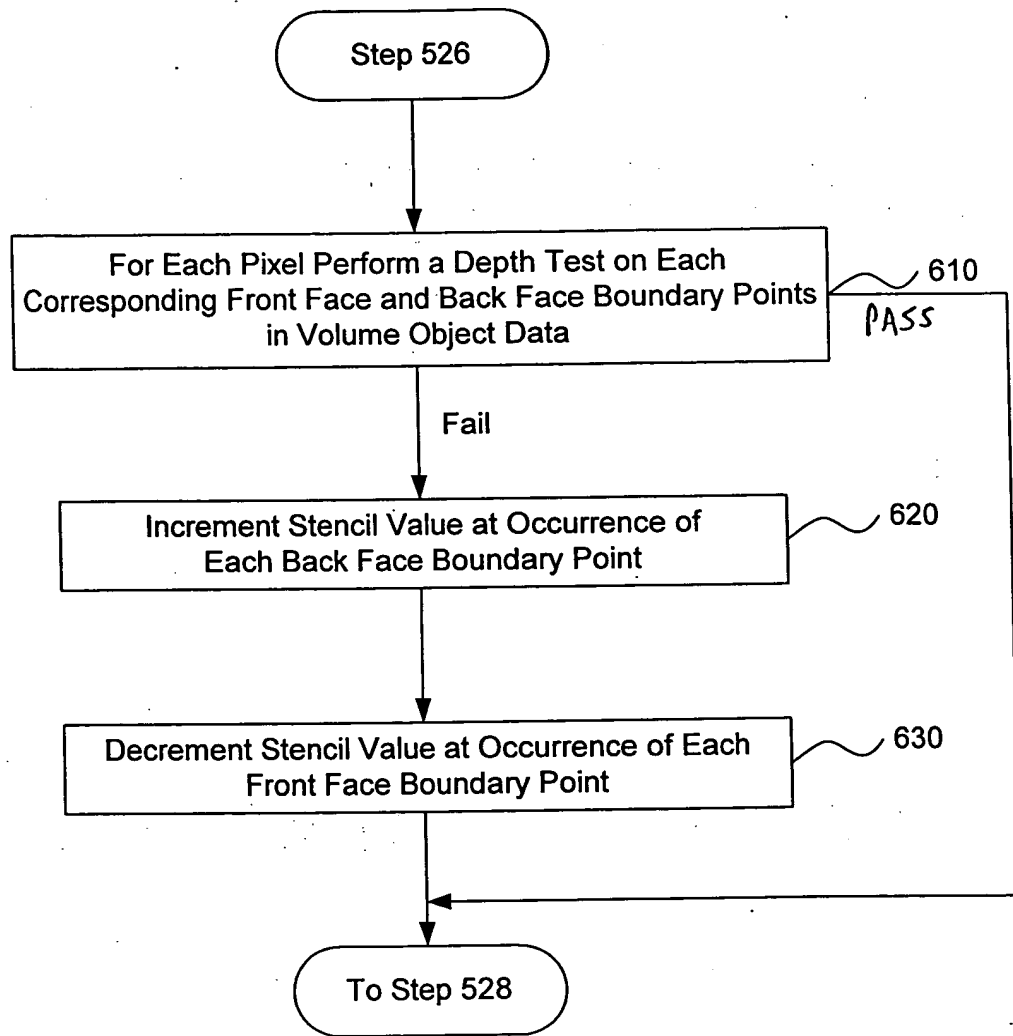


FIG. 5A



**FIG. 5B**



**FIG. 6**

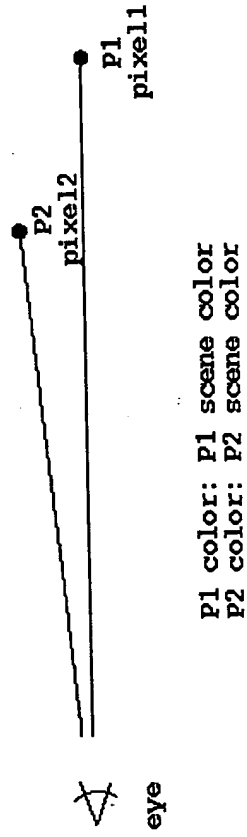
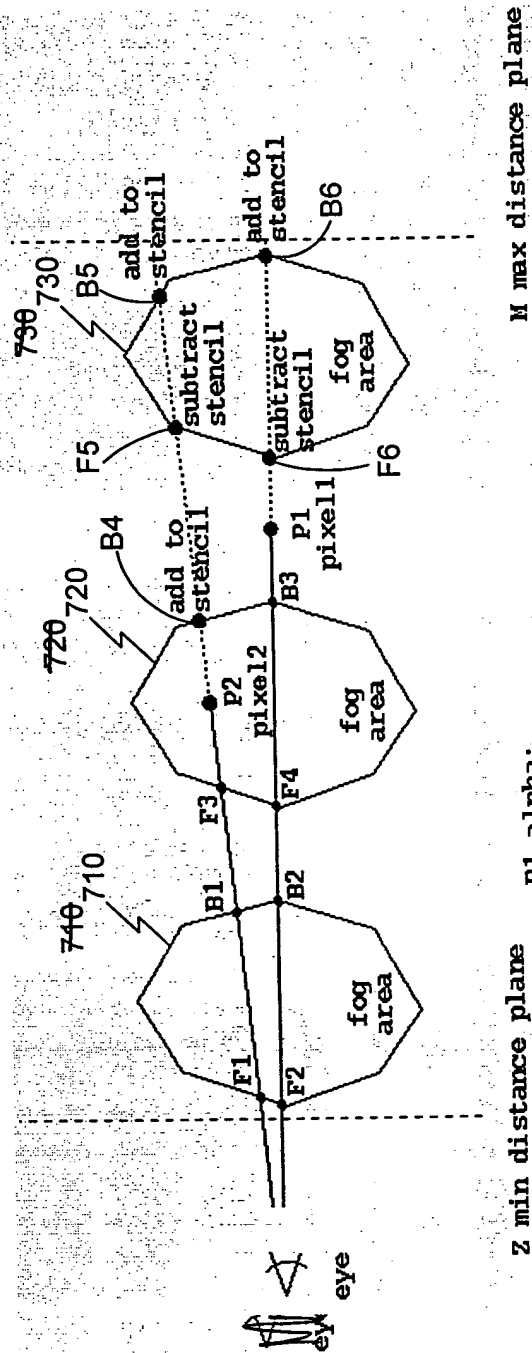


FIG. 7A





M max distance plane

z min distance plane

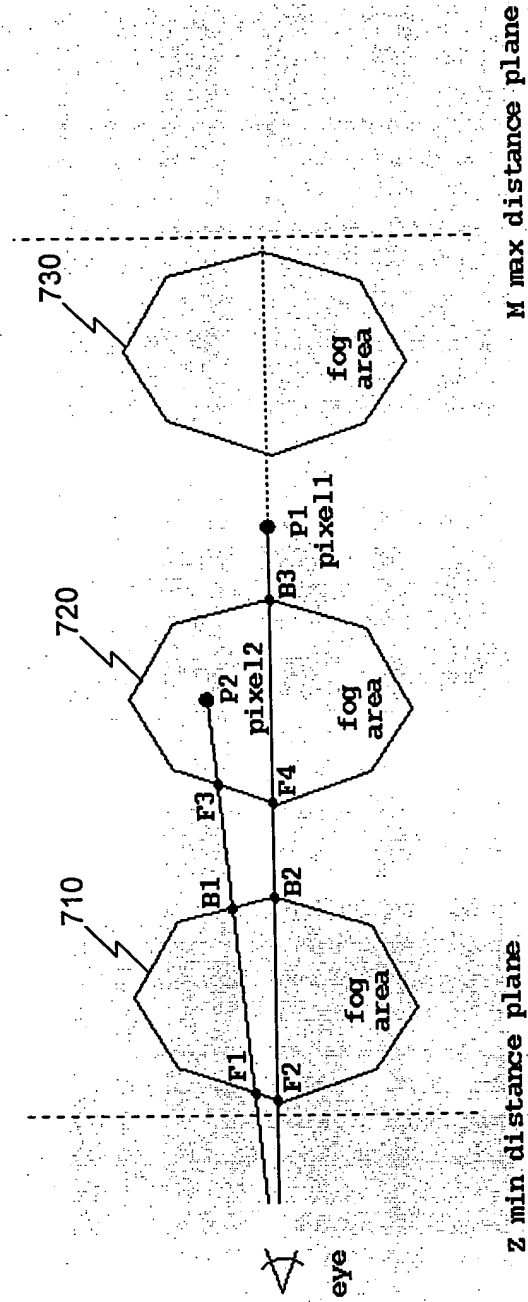
P1 alpha:  

$$\frac{(|B2, Z|/|M, Z|) * fogScale}{(|B3, Z|/|M, Z|) * fogScale} + \frac{(|B2, Z|/|M, Z|) * fogScale}{(|B3, Z|/|M, Z|) * fogScale}$$
  
 P1 stencil: 1-1 = 0

P2 alpha:  

$$\frac{(|B1, Z|/|M, Z|) * fogScale}{(|B1, Z|/|M, Z|) * fogScale} + \frac{(|B1, Z|/|M, Z|) * fogScale}{(|B1, Z|/|M, Z|) * fogScale}$$
  
 P2 stencil: 1-1 = 1

~~FIG 7B~~ FIG. 7B



P1 alpha: not changed, stencil 0  

$$= ((|B2, Z| + |B3, Z|) / |M, Z|) * \text{fogScale}$$

P2 alpha: changed, due to stencil 1  

$$P2 \text{ alpha} = ((|P2, Z| / |M, Z|) * \text{fogScale}) + ((|B1, Z| + |P2, Z|) / |M, Z|) * \text{fogScale}$$

FIG. 7C

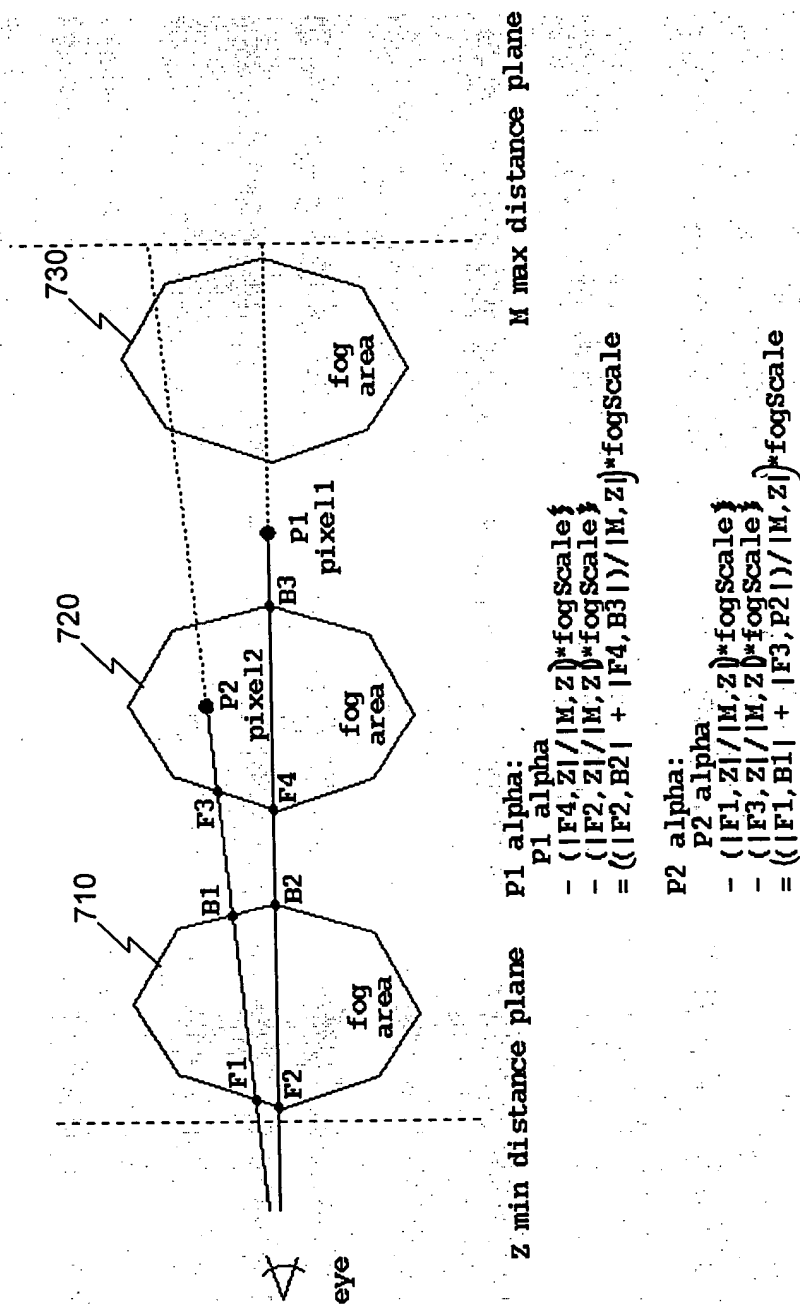


FIG. 7D

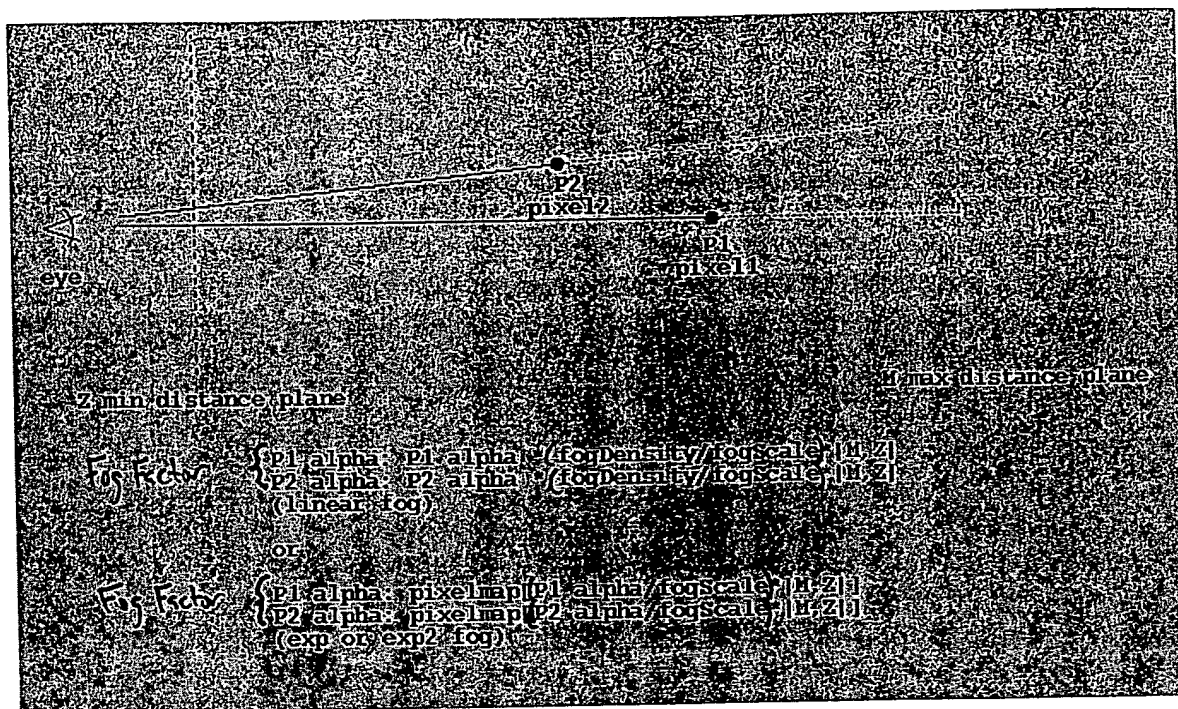
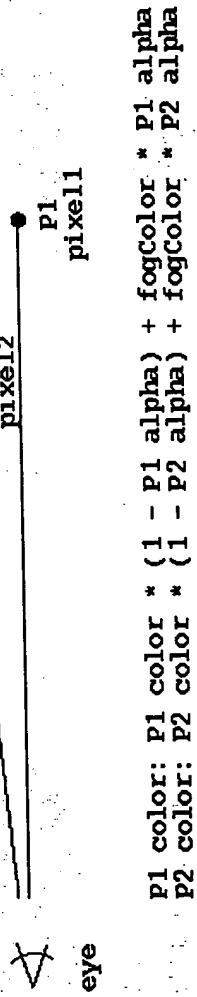


FIG. 7E

FOR FFF 925T6660



p1 color:  $p1 \text{ color} * (1 - p1 \text{ alpha}) + \text{fogColor} * p1 \text{ alpha}$   
 p2 color:  $p2 \text{ color} * (1 - p2 \text{ alpha}) + \text{fogColor} * p2 \text{ alpha}$

FIG. 7F